

Hydrologic Effects of the 2004 Hurricane Season in Northwest Florida

Open File Report 2005–1277

**U.S. Department of the Interior
U.S. Geological Survey**

Cover photo

Hurricane Ivan in the northern Gulf of Mexico as it approaches landfall on the Alabama coast, September, 15, 2004. Ivan was reported to have sustained winds of 135 mph. Photo by astronaut Edward Michael Fincke (NASA) aboard the International Space Station research outpost (in foreground of photo) from an altitude of about 230 miles.